

CLAIMS:

1-14. (Canceled)

15. (Previously Presented): A method, in a network server, for network communication, the method comprising:

establishing connections between the network server and a plurality of network clients, wherein each connection is established using a connection-oriented protocol, wherein the network server has a first server configuration stored in a memory of the network server, wherein the first server configuration comprises a set of server parameters specific to a network application that the network server provides to the plurality of network clients, wherein each of the plurality of network clients has a corresponding client configuration stored in a memory of the corresponding network client, and wherein each client configuration comprises a set of client parameters specific to the network application for the corresponding network client;

storing a copy of each client configuration in a memory of the network server;

replacing the first server configuration with a second server configuration in the memory of the network server, wherein the second server configuration changes at least one server parameter specific to the network application;

responsive to replacing the first server configuration with the second server configuration, determining whether the client configuration of each of the plurality of network clients is incompatible with the second server configuration;

identifying a subset of the plurality of network clients that have a corresponding client configuration that is incompatible with the second server configuration;

disconnecting the subset of the plurality of network clients from the network server; and

providing the network application to remaining network clients that are still connected to the network server using the connection-oriented protocol.

16. (Previously Presented): The method of claim 15, wherein the connection-oriented protocol is provided using a connectionless protocol.

17. (Previously Presented): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include data compression parameters.

18. (Previously Presented): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include data encryption parameters.

19. (Previously Presented): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include signal strength parameters.

20. (Previously Presented): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include data communication speed parameters.

21. (Previously Presented): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include media encoding parameters.

22. (Previously Presented): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include business application parameters.

23. (Previously Presented): A method, in a network server, for providing a streaming video application, the method comprising:

establishing connections between the network server and a plurality of network clients, wherein each connection is established using a connection-oriented protocol, wherein the network server has a first server configuration stored in a memory of the network server, wherein the first server configuration comprises a frame rate parameter

specific to a streaming video application that the network server provides to the plurality of network clients;

detecting a corresponding client configuration for each of the plurality of network clients, wherein each client configuration comprises a maximum frame rate parameter specific to the streaming video application for the corresponding network client;

storing a copy of each client configuration in a memory of the network server;

replacing the first server configuration with a second server configuration in the memory of the network server, wherein the second server configuration changes the frame rate parameter specific to the streaming video application;

responsive to replacing the first server configuration with the second server configuration, determining whether the client configuration of each of the plurality of network clients is incompatible with the second server configuration;

identifying a subset of the plurality of network clients that have a corresponding client configuration that is incompatible with the second server configuration;

disconnecting the subset of the plurality of network clients from the network server; and

providing the streaming video application to remaining network clients that are still connected to the network server using the connection-oriented protocol.

24. (New): An apparatus in a network server, comprising:

a processor; and

a memory coupled to the processor, wherein the memory comprises instructions which, when executed by the processor, cause the processor to:

establish connections between the network server and a plurality of network clients, wherein each connection is established using a connection-oriented protocol, wherein the network server has a first server configuration stored in a memory of the network server, wherein the first server configuration comprises a set of server parameters specific to a network application that the network server provides to the plurality of network clients, wherein each of the plurality of network clients has a corresponding client configuration stored in a memory of the corresponding network

client, and wherein each client configuration comprises a set of client parameters specific to the network application for the corresponding network client;

store a copy of each client configuration in a memory of the network server;

replace the first server configuration with a second server configuration in the memory of the network server, wherein the second server configuration changes at least one server parameter specific to the network application;

responsive to replacing the first server configuration with the second server configuration, determine whether the client configuration of each of the plurality of network clients is incompatible with the second server configuration;

identify a subset of the plurality of network clients that have a corresponding client configuration that is incompatible with the second server configuration;

disconnect the subset of the plurality of network clients from the network server;
and

provide the network application to remaining network clients that are still connected to the network server using the connection-oriented protocol.

25. (New): The apparatus of claim 24, wherein the connection-oriented protocol is provided using a connectionless protocol.

26. (New): The apparatus of claim 24, wherein the client configuration, the first server configuration and the second server configuration include at least one of data compression parameters, data encryption parameters, signal strength parameters, data communication speed parameters, encoding parameters, or business application parameters.

27. (New): A computer program product comprising a computer recordable medium having a computer readable program recorded thereon, wherein the computer readable program, when executed on a network server, causes the network server to:

establish connections between the network server and a plurality of network clients, wherein each connection is established using a connection-oriented protocol, wherein the network server has a first server configuration stored in a memory of the

network server, wherein the first server configuration comprises a set of server parameters specific to a network application that the network server provides to the plurality of network clients, wherein each of the plurality of network clients has a corresponding client configuration stored in a memory of the corresponding network client, and wherein each client configuration comprises a set of client parameters specific to the network application for the corresponding network client;

store a copy of each client configuration in a memory of the network server;

replace the first server configuration with a second server configuration in the memory of the network server, wherein the second server configuration changes at least one server parameter specific to the network application;

responsive to replacing the first server configuration with the second server configuration, determine whether the client configuration of each of the plurality of network clients is incompatible with the second server configuration;

identify a subset of the plurality of network clients that have a corresponding client configuration that is incompatible with the second server configuration;

disconnect the subset of the plurality of network clients from the network server;

and

provide the network application to remaining network clients that are still connected to the network server using the connection-oriented protocol.

28. (New): The computer program product of claim 27, wherein the connection-oriented protocol is provided using a connectionless protocol.

29. (New): The computer program product of claim 27, wherein the client configuration, the first server configuration and the second server configuration include at least one of data compression parameters, data encryption parameters, signal strength parameters, data communication speed parameters, encoding parameters, or business application parameters.